

## **IV. OVERVIEW of HIGHWAY SAFETY in WISCONSIN**

### **A Snapshot of the State**

**Population:** The state of Wisconsin is geographically located in the Upper Midwest and is bordered by the states of Minnesota, Iowa, Illinois and Michigan, and by Lakes Michigan and Superior. Wisconsin encompasses 35.8 million acres of rolling hills and plains and more than 1.1 million acres of water, which brings tourists in all seasons. In the 2000 Census, Wisconsin had a population of more than 5 million unevenly distributed over 72 counties and 580 municipalities. The average state population density is less than 90 per square mile. About 65% of the population is urban and most of the urban areas are in the southeastern quadrant of the state. The state has a long, strong tradition of local control; politically, it is organized into townships, municipalities, and counties with overlapping jurisdictions.

**Minorities:** In the 2000 census, Wisconsin's population was 89 percent white, 6 percent black, and 3 percent Hispanic, and the 2000 Census documents a large percentage increase in minority populations over the last decade. Wisconsin's minority populations include Native Americans on tribal land and elsewhere, primarily in the northern half of the state, African-Americans concentrated in the larger metropolitan areas, Latinos concentrated in Milwaukee, and also dispersed, and a large population of Hmong and other Cambodians in many mid-tier cities.

**Age Distribution:** According to the United States Census Bureau, 26 percent of the population is under 18 years of age, 61% is between the ages of 18 and 65, and 13% is over the age of 65. The table below shows the great disproportion of injuries and deaths of young and elderly occupants.

**TABLE 00-04  
WI Vehicle Occupants Killed/ Injured by Age in 2002**  
(Drivers and Passengers in Passenger Cars and Light Trucks)

Cohort	Age	WI Pop 2000	% Pop	Killed	%Tot	Injured	%Tot	A Injuries	%Tot
Unknown	**	**		1	0.2%	374	0.7%	26	0.6%
Pre-School	1to4	342,340	6.4%	10	1.6%	873	1.7%	36	0.8%
School-age	5to9	379,474	7.1%	4	0.6%	1,123	2.2%	60	1.3%
"	10to14	403,195	7.5%	8	1.2%	1,604	3.1%	113	2.4%
Youth	15to19	407,292	7.6%	108	16.8%	10,054	19.4%	934	20.0%
"	20to24	357,292	6.7%	104	16.2%	7,618	14.7%	709	15.2%
Young Adult	25to34	706,168	13.2%	89	13.9%	8,610	16.6%	756	16.2%
	35to44	875,522	16.3%	88	13.7%	7,885	15.3%	731	15.7%
Middle Age	45to64	1,190,047	22.2%	124	19.3%	9,514	18.4%	847	18.2%
Young Elderly	65to84	606,928	11.3%	86	13.4%	3,686	7.1%	402	8.6%
Elderly	85+	95,625	1.8%	20	3.1%	357	0.7%	46	1.0%
	Total	5,363,675		642		51,698		4,660	

\*\* Numbers killed and injured include children under 1 and those for whom ages are unknown

Source: US Census Bureau and 2002 WI Crash Database

**Roadway System and Travel:** As a result of its farms and industrial economy, Wisconsin has high quality farm-to-market roads as well as an excellent system of freeways and primary roads. There are 110,290 miles of roads. 11,727 miles (including 640 miles of interstate freeway)

comprise the state trunk highway system and 18,582 are county trunk highways. See Map 00-02. The largest proportion of road mileage is the 79,881 miles of local streets and roads.

In 2001, state residents included 3,835,549 licensed drivers who operated 4,946,305 registered vehicles. Wisconsin is a major tourist state, with seasonal influxes of visitors traveling to summer vacation spots, fall hunting camps, and winter sports activities. A preliminary estimate as of February 26, 2002 indicates that Wisconsin residents and visitors traveled 57.4 billion vehicle miles on Wisconsin roadways in 2001. See Figure 00-05 and Table 00-06 for trend information.

**Climate:** Wisconsin has an average temperature of 43 degrees Fahrenheit and can vary more than 120 degrees between winter low and summer high temperatures. The state's average snowfall is 45 inches and the average annual rainfall is about 30 inches. Temperature extremes and rough weather challenge both the driving public and safety professionals. A strong correlation has been noted between crash experience and severity of winter weather.

**Economy:** Wisconsin has a varied and generally healthy economy. Much of the state is rural and agricultural, ranking among the top agricultural states in the nation. Wisconsin industry varies from farming, dairy and lumbering, to tourism, manufacturing and genetic engineering. Much of Wisconsin's manufacturing, especially of machinery, is located in the southeastern quadrant, but significant manufacturing of food products and paper products is more widely distributed throughout the state.

**Media:** Wisconsin print and electronic media outlets include 41 commercial and educational television stations, 184 commercial radio stations, 37 daily newspapers and about 150 newspapers published less frequently. The state is divided into seven Areas of Dominant Influence (ADI): Duluth, MN (ADI-1), Wausau (ADI-2), Green Bay (ADI-3), Minneapolis, MN (ADI-4), La Crosse (ADI-5), Madison (ADI-6), and Milwaukee (ADI-7). Other major areas in Wisconsin are linked with neighboring states: southwestern Wisconsin is in the Dubuque, IA ADI and southern Wisconsin overlaps with Rockford, IL stations. See Map 02-13.

## Crashes, Injuries and Deaths

Wisconsin falls into the middle tier of states in population and in crash experience. While our population, licensed drivers and registered vehicles are growing steadily; travel is increasing at a much greater rate.

Figure 00-05

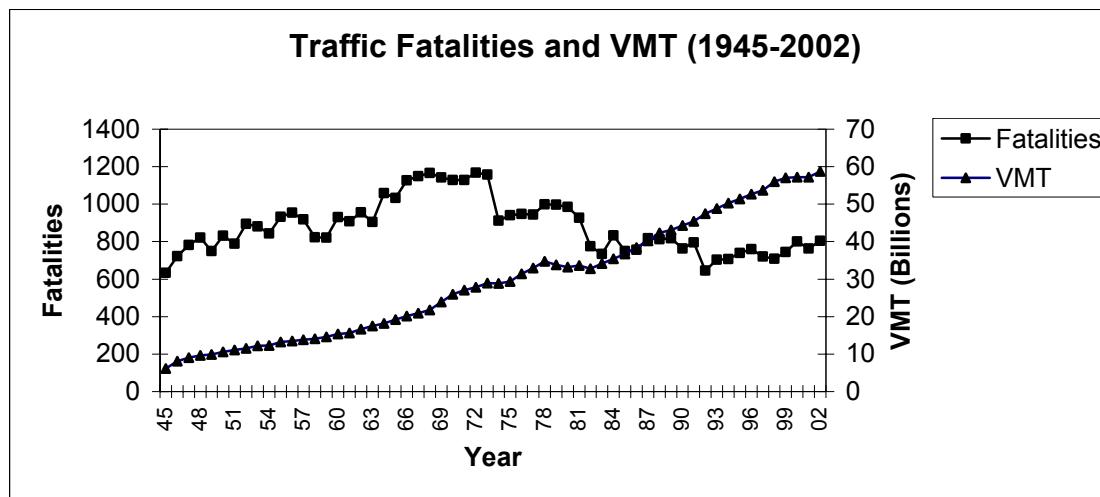


Figure 00-05 shows the trends for Wisconsin traffic deaths and total travel for the years 1945 through 2002. The annual death toll increased erratically during the 1950s and 1960s, peaking at 1,168 fatalities in 1972. This was followed by a sharp, sudden decline in 1974, a year with the national 55 mph maximum speed limit, an oil embargo, engineering improvements and the beginning of a recession. A sharp decline in traffic deaths occurred in 1982, the first year of Wisconsin's tougher drunk driving law and another recession. Another sharp decline occurred in 1992 with the passage of laws that created new penalties and treatment opportunities for OWI repeat offenders.

Table 00-06 - Annual Exposure Data: 1994 - 2002

Category	1994	1995	1996	1997	1998	1999	2000	2001	2002
Population (1,000s)	5,083	5,124	5,147	5,170	5,234	5,259	5,364	5,401	5,406
Registered Vehicles	4,172	4,269	4,241	4,504	4,449	4,684	4,798	4,946	5,038,541
Licensed Drivers	3,554	3,602	3,824	3,673	3,703	3,722	3,668	3,835	3,942,061
Est. VMT (Million)	50,273	51,395	52,639	53,729	56,048	56,960	57,245	57,400	58,700
Occupants Exposed	359,249	369,776	347,426	328,246	318,731	327,417	313,885	309,681	312,421

Source: Wisconsin Crash Facts, Pages 2 and 5, DOA Demographic Services Center, and WisDOT Transportation Forecast and Analysis Section VMT.

Concurrently with steady increases in population and travel, we observe steady decreases in total crashes and injuries, but fatalities show a fluctuating pattern. This pattern varies by county.

**Table 00-07- Annual Crash, Injury and Fatality Data: 1994-2002**

<b>Categories</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
Total Crashes	148,325	148,864	136,698	129,954	125,817	130,950	139,510	125,403	129,072
Fatal Crashes	616	656	656	631	628	674	718	684	723
Fatalities	706	739	759	721	709	744	801	764	805
Injury Crashes	43,775	43,845	43,773	41,962	41,585	41,345	43,145	39,358	39,634
Injuries	66,403	66,232	63,048	63,166	62,223	61,577	63,890	58,279	57,776
"A" Injury Crashes	6,538	5,895	5,575	5,177	5,090	5,033	4,921	24	4,595
"A" Injuries	8,614	7,750	7,455	6,932	6,632	6,613	6,441	5,816	5,880
Total K + A Injuries	9,320	8,489	8,214	7,653	7,341	7,357	7,242	6,588	6,685

Source: Wisconsin Crash Database

The decreasing number of crashes and injuries result in decreased economic loss to the state, even when adjusted for inflation.

**Table 00-08 - Estimated Economic Loss: 1994-1996; 1999-2002 (in Millions)**

<b>Category</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
Deaths (K)	\$651.920M	\$697.542M	\$632.626M	\$712.947M	\$747.348M	\$795.633M	\$785.392M	\$850.885 M
A Injuries	\$433.284M	\$365.800M	\$329.11M	\$291.144M	\$298.246M	\$302.082M	\$273.145M	\$283.145M
Total K&A	\$1,085.204M	\$1,063.342M	\$962.137M	\$1,003.335M	\$1,045.594M	\$1,097.716M	\$1,058.537M	\$1,142,483 M
All Crashes	\$2,643.684M	\$2,709.588M	\$2,487.843M	\$2,420.343M	\$2,506.515M	\$2,659.400M	\$2,236.622M	\$2,618.286M

Source: Wisconsin Crash Facts, Page 29, using National Safety Council Estimates, Adjusted for Inflation

Wisconsin uses the following definitions and the dollar costs for (K) and (A) 1999.

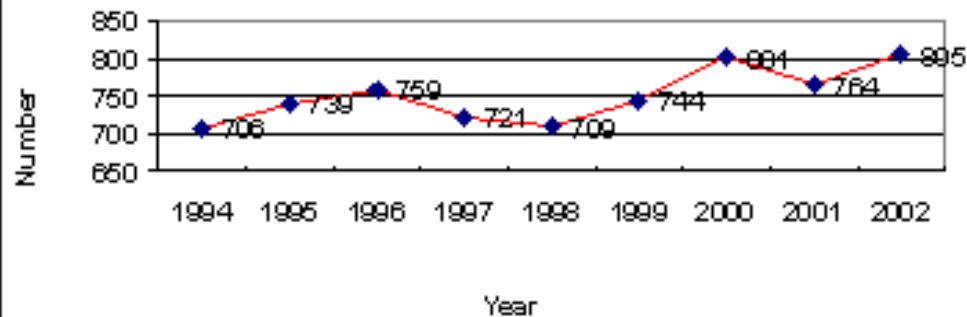
(K) = A Fatal Injury - An injury received in a traffic crash that results in death within thirty days of the crash. (\$1,004,500.)

(A) = Incapacitating Injury - An injury, other than fatal, that prevents walking, driving, or performing other activities that were performed before the crash. (\$45,100.) "All Crashes" includes Fatal, All Injury Levels and Property Damage Crashes.

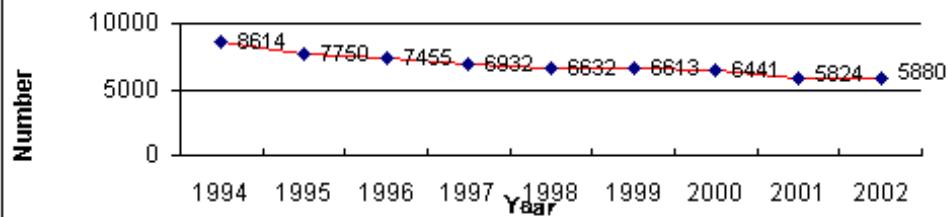
For each crash, the reporting officer indicates whether certain vehicle, roadway or driver factors have contributed to crash causation. Wisconsin uses these "PCC's" or Possible Contributing Circumstances to develop summary data describing crash types.

Graphs 00-09 through 00-14 demonstrate the changes in death and injury rates since 1994. They are included to show the difference in trend lines when using counts or and rates, using population vs. VMT, and when using deaths alone vs. using deaths combined with serious injuries. Table 00-15, on pages 17-18, is organized into crash types by PCCs, vehicle type and roadway type.

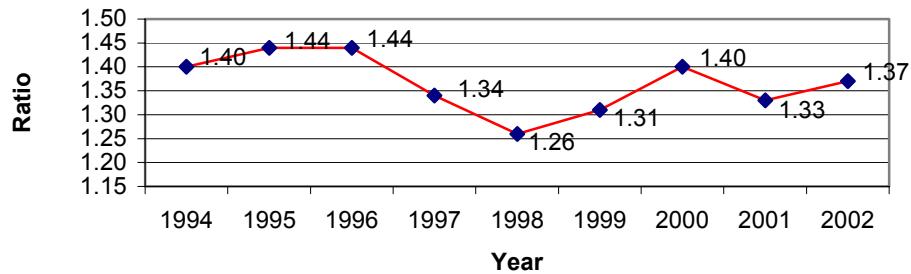
**Graph 00-09 Wisconsin  
Fatalities 1994-2002**



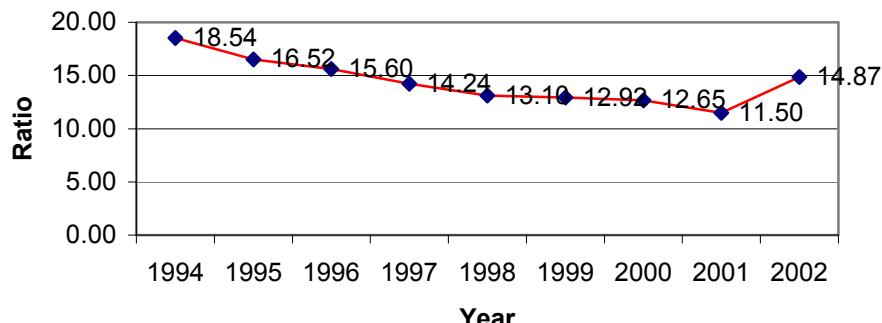
**Graph 00-10 Wisconsin Crashes -  
Incapacitating Injuries 1994-2002**



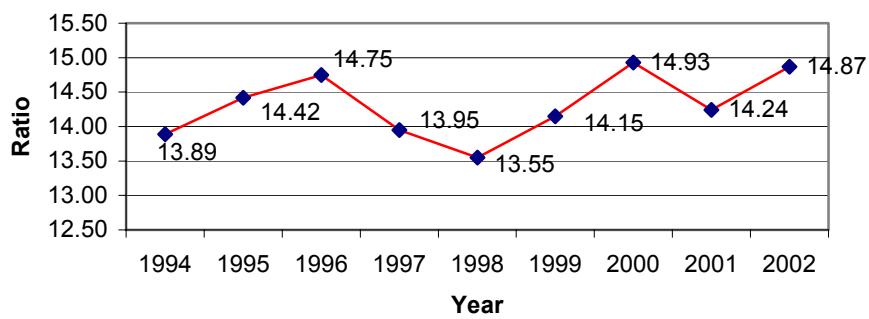
**Graph 00-11 Wisconsin  
Fatalities/ 100 Million VMT  
1994-2002**



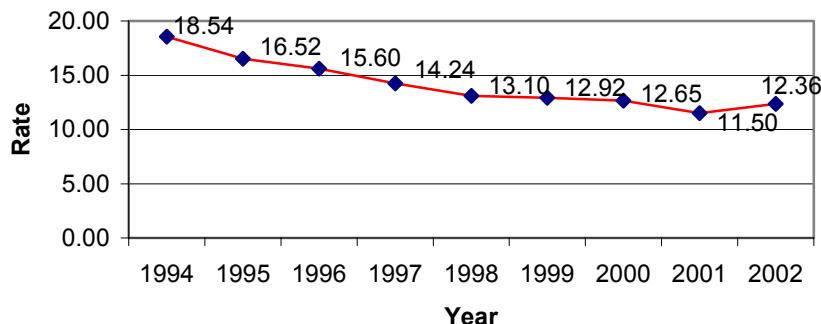
**Graph 00-12 Wisconsin  
Fatalities & Incapacitating Injuries/ 100 Million VMT  
1994-2002**



**Graph 00-13 Wisconsin  
Fatalities per 100,000 Population 1994-2002**



**Graph 00-14 Wisconsin  
Persons Killed or Incapacitated  
per 100,000 Population 1994-2002**



**Table 00-15 -- 1994-2002 CRASH DATA by CRASH TYPE**

	FINAL Year-End 2002 Crash Data								April, 2003 94-96 Avg	00-02 Avg
	1994	1995	1996	1998	1999	2000	2001	2002		
Fatal Crashes	616	656	656	628	674	718	684	723	643	708
Injury Crashes	43,775	43,845	43,773	41,594	41,345	43,145	39,359	39,634	43,798	40,712
Property Damage Crashes	103,934	104,363	92,269	83,609	88,931	95,647	85,360	88,715	100,189	89,908
Total Crashes	148,325	148,864	136,698	125,831	130,950	139,510	125,403	129,072	144,629	131,328
Fatality Rate	1.40	1.44	1.44	1.26	1.31	1.40*	1.33	1.37	1.43	1.37
A-Injury Crashes	6,538	5,895	5,575	5,090	5,033	4,921	4,456	4,595	6,003	4,657
Total Persons Killed	706	739	759	709	744	801	764	805	735	790
Total Persons Injured	66,403	66,232	66,048	62,236	61,577	63,890	58,279	57,776	66,228	59,982
Total Serious (A) Injuries**	8,614	7,750	7,455	6,632	6,613	6,441	5,824	5,880	7,940	6,048
Alcohol-Related Crashes	10,279	10,170	9,338	8,475	8,446	9,096	8,696	8,922	9,929	8,904
Alcohol-Related Fatalities	278	282	295	282	270	301	304	292	285	299
Alcohol-Related Injuries	8,039	7,890	7,496	6,850	6,563	6,836	6,586	6,570	7,808	6,664
Alcohol-Related A-Injuries**	1,853	1,692	1,560	1,383	1,331	1,356	1,319	1,371	1,702	1,349
Speed-Related Crashes	24,809	24,564	24,421	18,311	20,259	25,225	18,089	20,660	24,598	21,325
Speed-Related Fatalities	242	213	214	203	203	231	248	270	223	250
Speed-Related Injuries	14,450	14,197	14,442	11,439	12,196	13,457	10,981	11,461	14,363	11,966
Speed-Related A-Injuries**	2,231	1,979	1,943	1,571	1,678	1,596	1,452	1,499	2,051	1,516
Pedestrian Crashes	2,059	1,939	1,843	1,778	1,675	1,657	1,547	1,477	1,947	1,560
Pedestrians Killed	50	64	54	64	55	50	42	50	56	47
Pedestrians Injured	2,044	1,897	1,815	1,764	1,653	1,648	1,545	1,461	1,919	1,551
Pedestrian A-Injuries**	526	474	422	386	339	353	349	336	474	346
Bicycle Crashes	1,644	1,714	1,503	1,500	1,342	1,279	1,216	1,162	1,620	1,219
Bicyclists Killed	9	17	13	11	18	10	9	9	13	9
Bicyclists Injured	1,584	1,632	1,469	1,449	1,279	1,244	1,179	1,115	1,562	1,179
Bicyclist A-Injuries**	276	275	203	178	161	152	156	147	251	152
Motorcycle Crashes	2,297	2,057	1,823	1,989	2,012	2,078	2,285	2,184	2,059	2,182
Motorcyclists Killed	57	47	50	65	65	78	70	78	51	75
Motorcyclists Injured	2,208	1,963	1,834	1,925	1,965	2,014	2,166	2,049	2,002	2,076
Motorcyclist A-Injuries**	769	615	559	577	578	614	666	583	648	621

\*2001 fatality rate is preliminary at this time      Fatality Rate = Fatalities per 100 million vehicle miles of travel  
because final VMT estimates for 2001 are not available.

\*\*A-injuries = Incapacitating injuries      These injuries are a subset of total injuries.  
For example, Pedestrian A-injuries are included in the category Pedestrian Injuries

	1994	1995	1996	1998	1999	2000	2001	2002	94-96 Avg	00-02 Avg
Train Crashes	165	122	130	88	97	102	103	78	139	94
Train Crash Fatalities	14	8	5	4	5	13	8	6	9	9
Train Crash Injuries	92	65	72	50	53	56	55	51	76	54
Train Crash A-Injuries**	33	18	15	15	16	18	13	13	22	15
Construction Zone Crashes	2,405	2,338	1,925	2,004	2,175	2,155	2,192	1,845	2,223	2,064
Construction Zone Fatalities	10	14	10	15	17	8	7	8	11	8
Construction Zone Injuries	1,265	1,188	1,138	1,143	1,200	1,242	1,181	933	1,197	1,119
Construction Zone A-Injuries**	140	108	118	114	112	103	90	88	122	94
School Bus Crashes	1,126	1,117	945	771	838	835	800	638	1,063	758
School Bus Occupant Fatalities	1	0	2	0	0	0	0	0	1	0
School Bus Occupant Injuries	628	423	454	264	358	315	369	194	502	293
School Bus Occupant A-Injuries**	19	7	7	6	2	4	4	4	11	4
Deer Crashes	24,573	23,922	19,932	19,595	21,289	20,468	19,914	20,470	22,809	20,284
Deer Crash Fatalities	4	9	3	5	6	5	9	6	5	7
Deer Crash Injuries	794	822	805	783	841	806	801	710	807	772
Deer Crash A-injuries**	92	84	76	96	87	97	103	66	84	89
Large Truck Crashes	9,935	9,878	9,483	8,841	9,146	9,657	8,508	8,165	9,765	8,777
Large Truck Crash Fatalities	116	114	115	116	95	112	112	127	115	117
Large Truck Crash Injuries	3,771	3,591	3,810	3,524	3,469	3,787	3,271	3,101	3,724	3,386
Large Truck Crash A-injuries**	630	530	542	489	500	485	426	418	567	443
Urban city street crashes	53,521	54,173	49,368	44,686	45,909	50,046	45,822	45,769	52,354	47,232
Rural city street crashes	5,179	5,011	4,342	4,365	4,685	4,849	4,343	4,367	4,844	4,520
Town road crashes	13,736	14,712	13,063	11,478	12,323	13,279	11,815	13,143	13,837	12,746
County highway crashes	17,180	17,828	16,024	14,736	15,533	15,879	14,719	15,575	17,011	15,391
Urban state hwy crashes	21,059	20,306	18,110	16,851	16,713	17,870	15,671	15,483	19,825	16,341
Rural state hwy crashes	29,544	29,370	27,829	25,840	27,201	27,678	24,911	26,317	28,914	26,302
Urban interstate crashes	3,996	3,377	3,468	3,587	4,353	4,849	4,067	4,382	3,614	4,433
Rural interstate crashes	4,110	4,087	4,493	4,363	4,288	4,233	3,995	4,036	4,230	4,364

\*\*A-injuries = Incapacitating injuries These injuries are a subset of total injuries.

For example, Pedestrian A-injuries are included in the category Pedestrian Injuries

Data Source: WisDOT-Traffic Accident Database

This table provides state totals by crash type. Tables (00-16 and 00-17), on the next four pages, provide county-level data that is used for program targeting and grant distribution decisions.

**Table 00-16 COUNTY DATA-- ALL WISCONSIN COUNTIES--2002**

County	2002 Census Population	2002 Lic . Drv.	2002 Reg. Veh.	2001 Hwy Miles	2001 STH Miles	2002 Crashes	2002 Injuries	2002 Death	2002 "A" Injuries	2002 K&A Total	2002 Injury/Death Ratio
ADAMS	20,327	14,421	23,485	1,430	92	689	270	11	45	56	24.5
ASHLAND	16,979	11,716	16,463	1,228	120	292	98	3	20	23	32.7
BARRON	45,633	33,761	48,525	1,965	142	983	605	10	74	84	60.5
BAYFIELD	15,263	11,510	17,578	2,153	155	328	100	5	25	30	20.0
BROWN	231,858	158,373	212,150	2,173	182	4,293	2,325	25	179	204	93.0
BUFFALO	13,955	10,826	16,697	1,040	149	295	105	3	27	30	35.0
BURNETT	16,051	12,500	18,560	1,570	106	301	193	7	47	54	27.6
CALUMET	42,497	30,641	39,048	810	101	660	269	3	38	41	89.7
CHIPPEWA	56,588	40,973	59,070	2,051	207	1,394	554	3	62	65	184.7
CLARK	33,860	22,450	33,961	2,174	156	877	246	4	42	74	62
COLUMBIA	53,472	39,523	55,785	1,712	279	1,740	595	17	68	85	35.0
CRAWFORD	17,406	11,783	17,136	1,068	180	372	202	4	7	11	50.5
DANE	438,881	308,529	391,322	3,751	398	10,244	4,615	57	332	389	81.0
DODGE	87,083	60,285	85,417	1,989	240	1,733	681	29	97	126	23.5
DOOR	28,641	22,717	34,706	1,251	102	858	273	6	39	45	45.5
DOUGLAS	43,677	31,373	43,584	2,101	161	943	401	6	38	44	66.8
DUNN	40,828	27,088	39,515	1,720	204	1,180	408	7	45	52	58.3
EAU CLAIRE	95,132	63,195	84,242	1,525	147	2,476	1,131	12	86	98	94.3
FLORENCE	5,187	3,853	6,196	518	67	209	43	0	13	13	0.0
FOND DU LAC	98,589	70,220	98,059	1,720	226	2,579	1,145	17	128	146	67.4
FOREST	10,113	6,723	10,733	1,095	156	312	80	4	15	19	20.0
GRANT	50,165	34,507	50,375	2,088	257	1,197	382	11	49	60	34.
GREEN	34,351	25,268	35,917	1,228	126	877	343	8	46	54	42.9
GREEN LAKE	19,282	14,418	21,509	698	70	697	184	2	25	27	92.0
IOWA	23,153	17,076	24,859	1,292	167	623	273	6	32	38	45.5
IRON	6,932	5,138	7,708	802	114	114	46	1	12	13	46.0
JACKSON	19,381	13,080	22,471	1,473	186	807	307	3	55	58	102.3
JEFFERSON	77,306	54,461	78,499	1,375	175	1,648	612	15	93	108	40.8
JUNEAU	25,052	18,042	27,650	1,495	192	774	331	4	52	56	82.8
KENOSHA	153,009	103,763	124,702	1,007	117	3,599	2,170	20	193	213	108.5
KEWAUNEE	20,487	15,228	22,297	793	61	280	167	5	29	34	33.4
LA CROSSE	108,433	72,390	95,499	1,121	157	2,411	966	10	85	95	96.9
LAFAYETTE	16,263	12,057	18,756	1,129	126	472	191	5	26	31	38.2
LANGLADE	21,017	15,473	22,719	1,178	144	375	195	6	33	39	32.5
LINCOLN	29,944	22,081	31,242	1,280	155	905	296	4	54	58	74.0
MANITOWOC	83,925	59,971	84,381	1,626	153	1,867	814	10	67	77	81.4
MARATHON	127,968	91,409	127,418	3,264	274	3,222	1,218	23	92	115	53.0
MARINETTE	43,804	32,338	48,880	2,310	153	1,022	484	16	95	111	30.3
MARQUETTE	14,771	11,574	18,251	855	87	514	150	5	22	27	30.0

**Table 00-16 COUNTY DATA-- ALL WISCONSIN COUNTIES—2002**

County	2002											
	2000 Census	2000 Lic .	2000 Reg.	2002 Hwy	2002 STH	2002 Miles	2002 Crashes	2002 Injuries	2002 Death	2002 "A"	2002 K&A	Injury/ Death Ratio
	Population	Drv.	Veh.	Miles	Miles				Total			
MENOMINEE	4,595	2,181	808	586	41	510	29	5	4	9	5.8	
MILWAUKEE	941,091	539,440	629,422	2,952	252	45	12,129	52	717	769	233.3	
MONROE	41,865	28,010	41,642	1,617	238	23,466	504	13	79	92	38.8	
OCONTO	36,811	27,551	40,632	1,951	142	1,303	367	14	67	81	26.2	
ONEIDA	37,418	29,737	41,636	1,687	160	632	444	6	65	71	74.0	
OUTAGAMIE	165,570	120,176	163,677	1,928	201	1,086	1,622	11	157	168	147.5	
OZAUKEE	83,964	64,026	75,020	875	80	3,627	550	11	97	108	50.0	
PEPIN	7,483	5,495	8,443	458	47	1,351	60	1	12	13	60.0	
PIERCE	37,757	26,734	37,973	1,255	166	174	253	4	61	65	63.3	
POLK	42,621	31,991	46,013	1,932	159	818	420	12	42	54	35.0	
PORTAGE	68,227	45,860	62,692	1,842	155	719	666	11	212	132	60.5	
PRICE	15,891	11,984	17,817	1,434	155	1,789	92	1	13	14	92.0	
RACINE	190,446	127,763	157,378	1,235	159	233	2,263	22	155	177	102.9	
RICHLAND	18,056	12,608	18,039	1,125	149	4,177	176	5	37	42	35.2	
ROCK	154,001	107,727	144,905	1,981	254	587	1,883	31	200	231	60.7	
RUSK	15,458	11,228	16,231	1,234	116	3,882	130	2	36	38	65.0	
ST. CROIX	67,767	41,840	59,896	1,717	200	243	658	20	98	118	32.9	
SAUK	56,663	12,184	17,847	1,777	221	1,924	874	16	113	129	54.6	
SAWYER	16,584	28,890	41,431	1,692	161	2,110	153	7	22	29	21.9	
SHAWANO	41,273	79,896	102,051	1,791	182	366	467	8	55	63	58.4	
SHEBOYGAN	114,139	52,298	73,441	1,511	166	1,717	935	27	116	143	34.6	
TAYLOR	19,718	14,372	22,550	1,444	111	2,548	223	6	37	43	37.2	
TREMPEALEAU	27,393	20,054	30,827	1,328	177	703	205	9	51	60	22.8	
VERNON	28,854	19,539	28,317	1,632	215	466	285	4	43	47	71.3	
VILAS	21,457	18,060	26,191	1,705	133	794	262	6	23	29	43.7	
WALWORTH	94,532	68,366	98,482	1,465	214	616	904	17	147	164	53.2	
WASHBURN	16,438	13,068	18,536	1,395	137	1,983	184	4	25	29	46.0	
WASHINGTON	120,429	90,212	112,699	1,403	189	379	1,059	11	147	158	96.3	
WAUKESHA	368,077	280,952	346,843	2,751	230	2,337	3,180	25	273	298	127.2	
WAUPACA	52,622	37,609	53,820	1,614	179	7,233	542	15	53	68	36.1	
WAUSHARA	24,560	16,977	28,294	1,324	133	1,785	246	6	40	46	41.0	
WINNEBAGO	159,161	109,349	143,016	1,447	175	677	1,781	14	155	169	127.2	
WOOD	75,982	55,979	83,345	1,821	180	3,744	731	10	115	125	73.1	
<b>STATE TOTAL</b>	<b>5,453,896</b>	<b>3,762,890</b>	<b>2,789,914</b>	<b>111,949</b>	<b>11,761</b>	<b>128,219</b>	<b>57,776</b>	<b>805</b>	<b>5,880</b>	<b>6,685</b>	<b>4319</b>	
UNKNOWN			3,716									
Total			3,766,606									

SOURCE: DOT/DMV Bureau of Driver Services; DOT/TAS Crash Data; DOA Pop Data; DTIM/Traffic Forecasting.

**Table 00-17: COUNTY DATA—SPEED, ALCOHOL, SAFETY BELT USE--2002**

County	Media Market	2002 ADI	2002 Belt Use	All Speed Crashes	Speed Crash Deaths	Speed A Injuries	K&A Speed Crashes	All Alcohol Crashes	Alcohol Crash Deaths	Alcohol A Injuries	K&A Alcohol Crashes
ADAMS	2	66.8	689	127	3	17	20	66	5	9	14
ASHLAND	1	59.4	292	39	2	7	9	34	2	10	12
BARRON	4	70.3	983	213	1	16	17	80	2	10	12
BAYFIELD	1	53.4	328	88	2	11	13	35	2	2	4
BROWN	3	62.8	4,293	654	7	54	61	369	7	52	59
BUFFALO	5	59.7	295	54	0	6	6	31	2	6	8
BURNETT	4	70.3	308	99	2	19	21	49	3	14	17
CALUMET	3	62.8	660	76	1	5	6	44	1	11	12
CHIPPEWA	5	59.7	1,394	233	0	12	12	101	1	11	12
CLARK	2	66.8	910	146	2	16	18	61	3	14	17
COLUMBIA	6	71.5	1,740	288	6	17	23	126	3	18	21
CRAWFORD	5	59.7	372	69	1	1	2	35	1	1	2
DANE	6	71.5	10,244	1,597	27	89	116	772	20	72	92
DODGE	7	63.6	1,733	256	9	30	39	129	11	32	43
DOOR	3	62.8	858	97	2	11	13	49	3	8	11
DOUGLAS	1	59.4	943	145	3	2	5	103	1	11	12
DUNN	4	70.3	1,180	258	3	11	14	56	2	8	10
EAU CLAIRE	5	59.7	2,476	387	4	22	26	156	3	19	22
FLORENCE	3	62.8	209	32	0	7	7	9	0	2	2
FOND DU LAC	3	62.8	2,579	390	12	37	49	210	5	34	39
FOREST	2	66.8	312	48	0	5	5	37	2	6	8
GRANT	6	71.5	1,197	228	6	13	19	83	7	6	13
GREEN	6	71.5	877	186	4	9	13	69	5	4	9
GREEN LAKE	3	62.8	69	64	1	3	4	41	0	7	7
IOWA	6	71.5	623	117	1	5	6	56	1	11	12
IRON	1	59.4	114	16	1	1	2	8	0	0	0
JACKSON	5	59.7	807	129	2	14	16	61	0	20	20
JEFFERSON	7	63.6	1,648	233	2	15	17	133	4	21	25
JUNEAU	6	71.5	774	194	1	13	14	57	1	14	15
KENOSHA	7	63.6	3,599	539	8	47	55	310	11	43	54
KEWAUNEE	3	62.8	280	83	0	8	8	30	0	6	6
LA CROSSE	5	59.7	2,411	357	4	24	28	150	4	16	20
LAFAYETTE	6	71.5	472	76	3	16	19	35	1	10	11
LANGLADE	2	66.8	375	78	3	9	12	48	3	7	10
LINCOLN	2	66.8	905	145	2	14	16	56	2	13	15
MANITOWOC	3	62.8	1,867	203	2	12	14	134	3	17	20
MARATHON	2	6638	3,222	569	8	19	27	215	7	25	32
MARINETTE	3	62.8	1,022	189	3	22	25	111	11	39	50
MARQUETTE	6	71.5	510	90	1	7	8	44	1	10	11
MENOMINEE	3	62.8	45	18	2	2	4	8	4	2	6
MILWAUKEE	7	63.6	23,466	3,357	15	145	160	991	22	121	143

COUNTY DATA-- SPEED, ALCOHOL, SAFETY BELT USE--2002														
County	Medi 2002		All		Speed		Speed		K&A		All		Alcohol	
	Mark	Belt	2002	Speed	Crash	A	Speed	Crashes	Alcohol	Crash	A	Alcohol	K&A	
	ADL	Use	Crashes	Crashes	Deaths	Injuries	Crashes	Crashes	Deaths	Injuries	Crashes	Crashes	Crashes	
MONROE	5	59.7	1,303	267	4	25	29	80	4	9	13	13	13	
OCONTO	3	62.8	632	97	3	12	15	44	4	16	20	20	20	
ONEIDA	2	66.8	1,086	243	3	25	28	94	1	22	23	23	23	
OUTAGAMIE	3	62.8	3,627	475	3	32	35	227	6	34	40	40	40	
OZAUKEE	7	63.6	1,351	215	4	28	32	82	5	20	25	25	25	
PEPIN	4	70.3	174	22	0	0	0	10	1	1	2	2	2	
PIERCE	4	70.3	818	148	0	18	18	80	3	16	19	19	19	
POLK	4	70.3	719	160	4	14	18	80	2	12	14	14	14	
PORTAGE	2	66.8	1,789	243	5	19	24	113	6	29	35	35	35	
PRICE	2	66.8	233	51	1	2	3	32	1	5	6	6	6	
RACINE	7	63.6	4,177	621	7	34	41	292	5	36	41	41	41	
RICHLAND	6	71.5	587	62	0	8	8	32	0	6	6	6	6	
ROCK	6	71.5	3,882	716	14	70	84	346	13	46	59	59	59	
RUSK	5	59.7	243	81	1	18	17	29	2	7	9	9	9	
ST. CROIX	4	70.3	1,924	261	8	21	29	125	5	31	36	36	36	
SAUK	6	71.5	2,110	400	4	35	35	150	5	16	21	21	21	
SAWYER	1	59.4	366	61	4	3	7	34	4	5	9	9	9	
SHAWANO	3	62.8	1,717	248	2	21	23	143	2	21	23	23	23	
SHEBOYGAN	7	63.6	2,548	314	4	22	26	158	2	29	31	31	31	
TAYLOR	2	66.8	703	87	2	14	16	45	2	12	14	14	14	
TREMPEALEAU	5	59.7	466	99	5	12	17	61	6	17	23	23	23	
VERNON	5	59.7	794	114	2	20	22	58	2	14	16	16	16	
VILAS	2	66.8	616	159	2	6	8	54	3	4	7	7	7	
WALWORTH	7	63.6	1,983	346	19	43	53	187	10	40	50	50	50	
WASHBURN	1	59.4	379	82	1	9	11	40	2	10	12	12	12	
WASHINGTON	7	63.6	2,337	454	2	34	37	183	3	32	35	35	35	
WAUKESHA	7	63.6	7,233	1,461	1	78	80	418	7	59	66	66	66	
WAUPACA	3	59.7	1,785	185	8	7	15	121	9	11	20	20	20	
WAUSHARA	3	59.7	677	154	0	15	15	45	1	14	15	15	15	
WINNEBAGO	3	62.8	3,744	443	1	30	31	226	5	27	32	32	32	
WOOD	2	66.8	1,367	224	6	35	41	117	5	28	33	33	33	
		129,072	20,660	270	1,452	1,769	8,922	292	1,371	1,663				
STATE TOTAL				244		1,700								

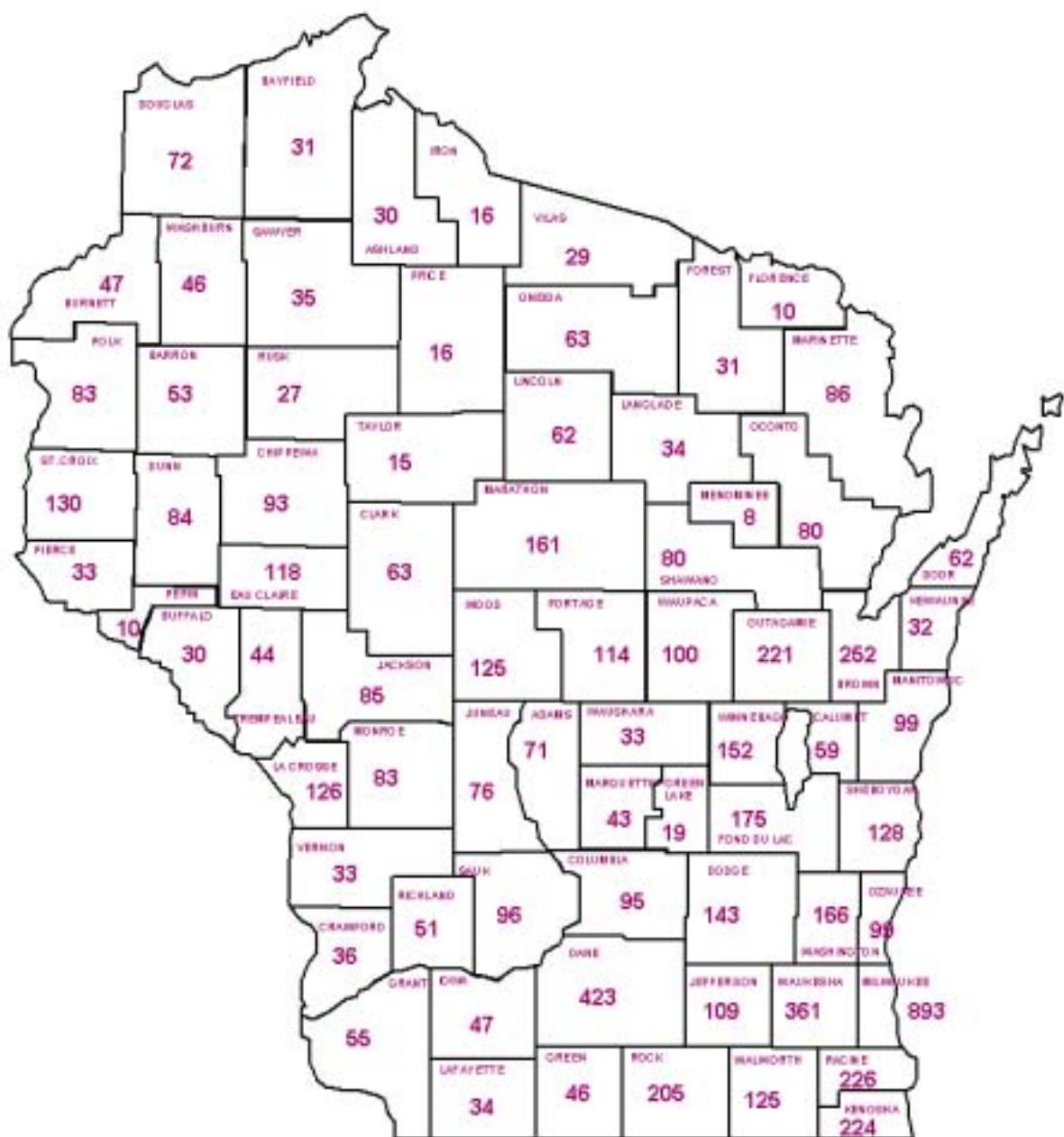
SOURCE: DOT/DMV Bureau of Driver Services; DOT/TAS Crash Data; DOA Pop Data; DTIM/Traffic Forecasting.

The following map provides a simplified view of some of these data.

MAP 00-01

# Persons Killed and Seriously Injured In All Reportable Traffic Crashes

## 2002



Source: 2002 WisDOT DMV Crash Database

**MAP 00-02**  
**WISCONSIN STATE TRUNK HIGHWAYS**



45 Percent of Crashes occur on the 11,727-mile State Trunk Network (including 640 miles of Interstate highways). 55 percent of crashes occur on the 98,563-mile network of local roads and streets.